

FIG. 1 (PRIOR ART)

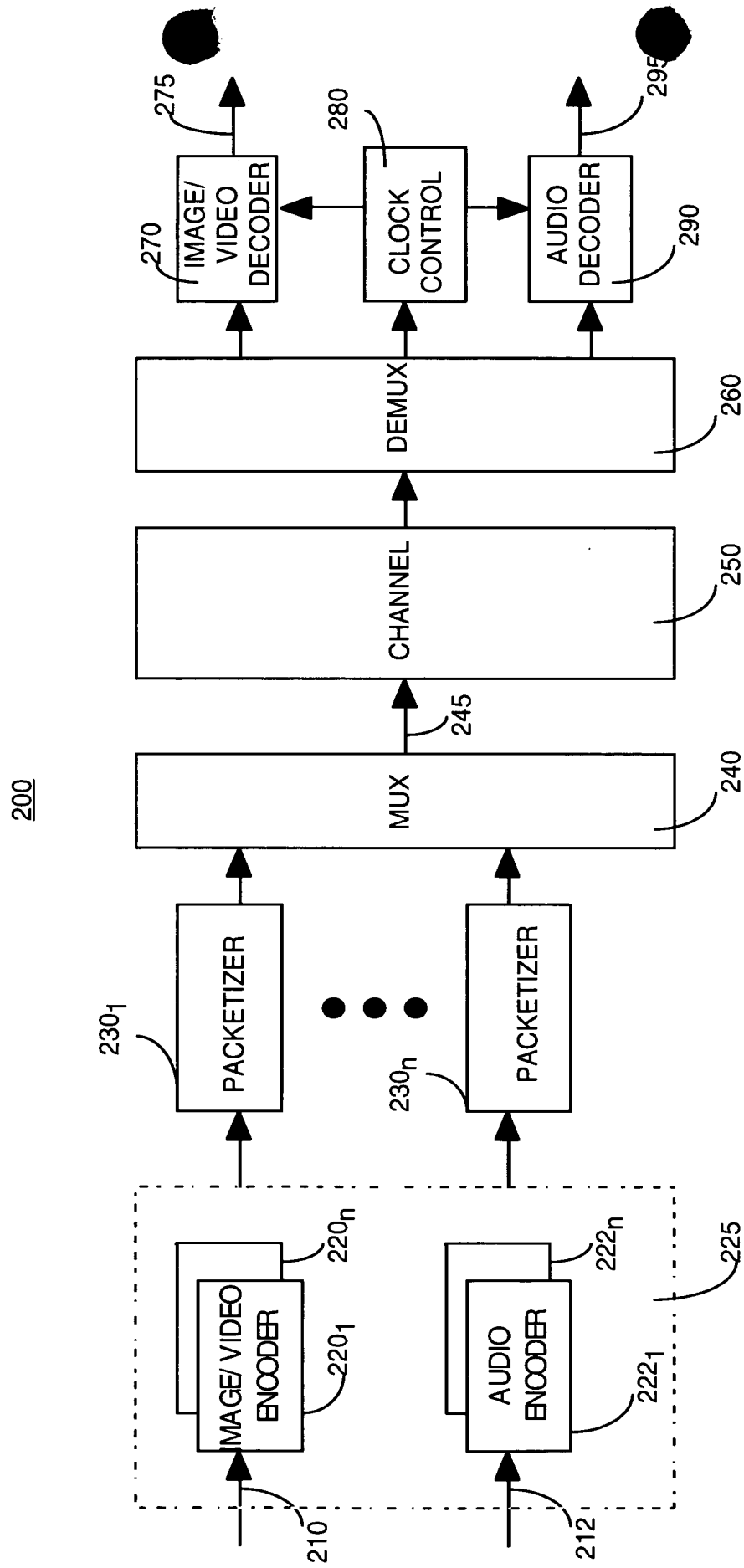


FIG. 2

300

HEADER 310	TEXTURE UNIT HAVING AC COEFFICIENTS FROM A SINGLE SUBBAND 320a	MARKER 325	320b	MARKER 325	320c	● ● ●
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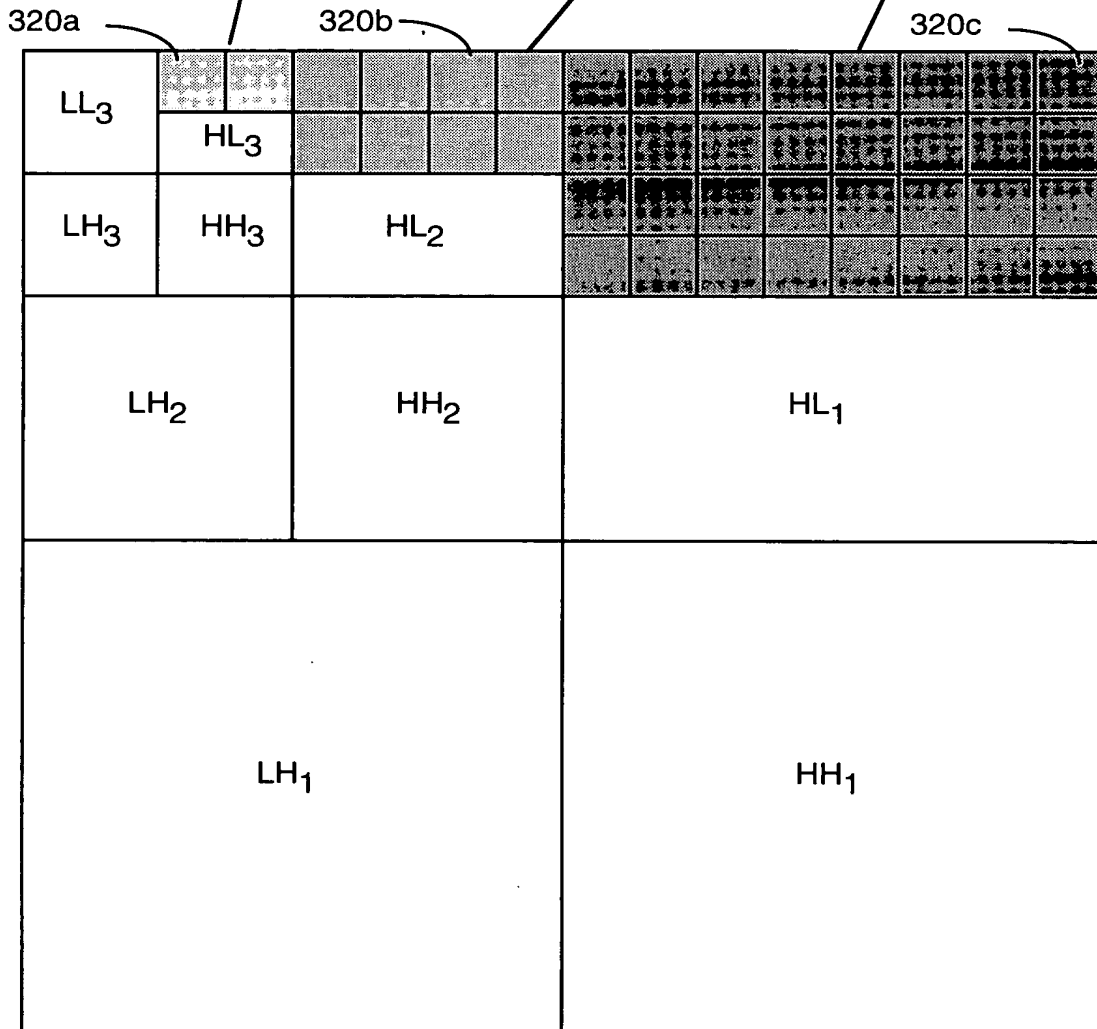


FIG. 3

606T60-60644600

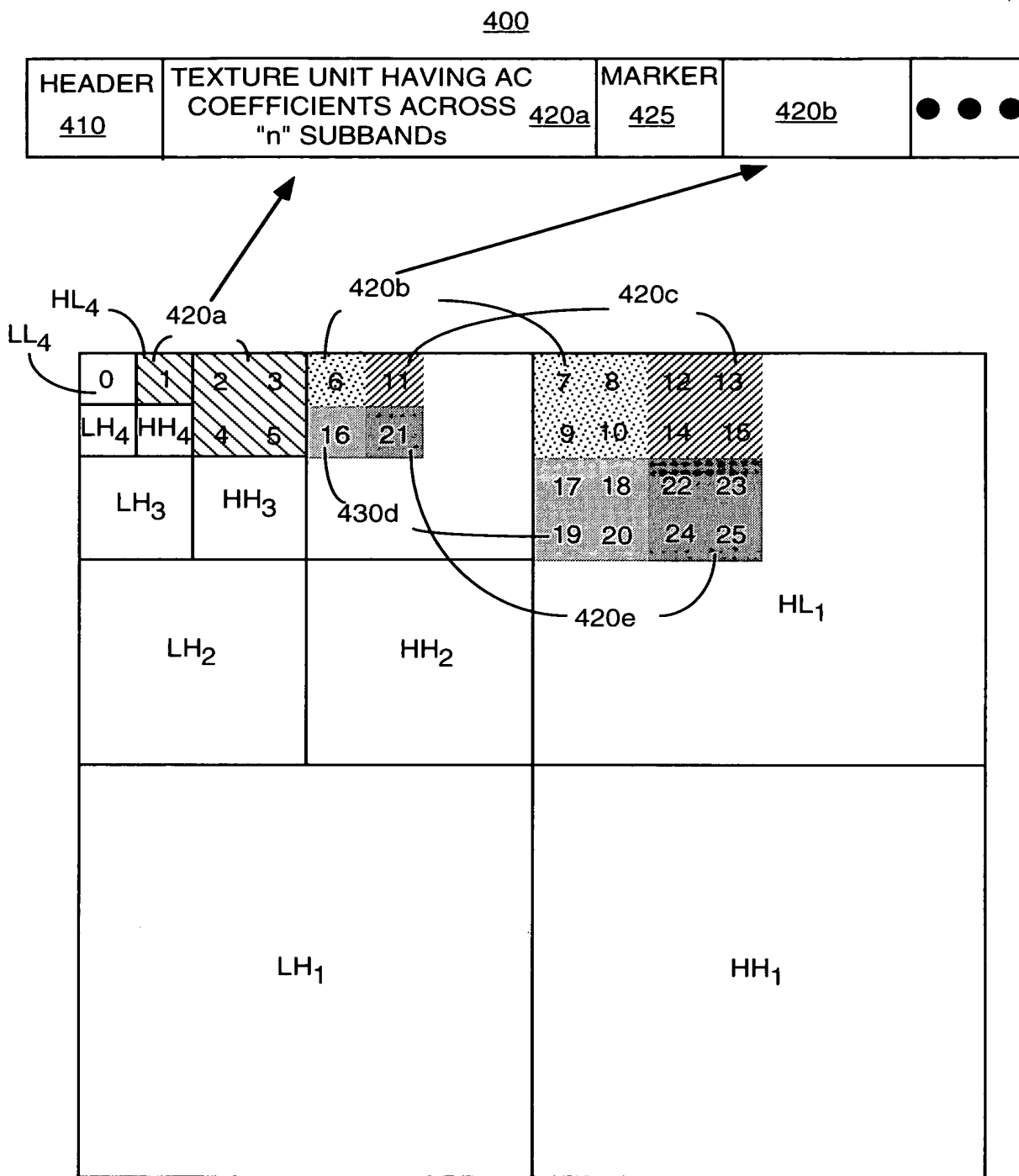
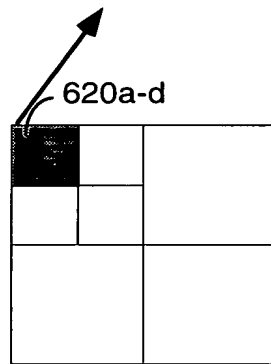
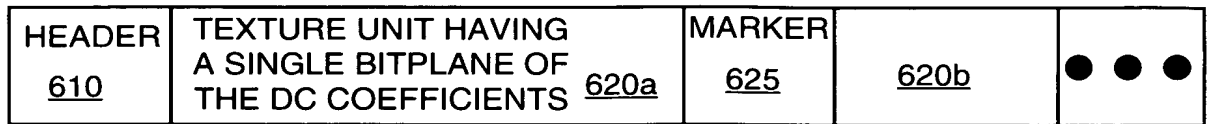


FIG. 4

Figure 1 illustrates the bit plane decomposition of an 8x8 pixel image. The decomposition is hierarchical, starting from an 8x8 pixel image (LL4) and splitting it into four 4x4 quadrants (HL1, HL2, HL3, HH1) at the first level. Each 4x4 quadrant is further split into four 2x2 quadrants (HL2, HH2, HL3, HH3) at the second level. This process continues until the final 1x1 bit planes (LL1, LH1, HL1, HH1) are reached. The bit planes are labeled LL4, LH4, LH3, LH2, LH1, HL4, HL3, HL2, HL1, HH4, HH3, HH2, HH1. The bit planes are arranged in a 4x4 grid, with the top-left quadrant being the most significant (LL4) and the bottom-right quadrant being the least significant (HH1).

FIG. 5



LUMINANCE

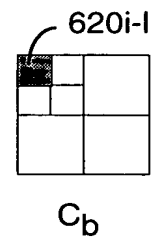
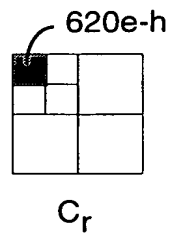
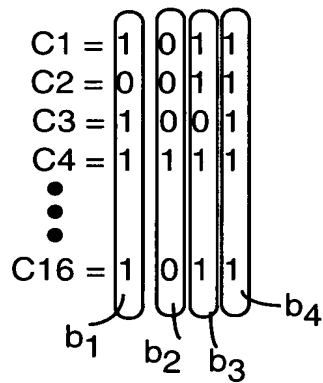


FIG. 6

C1	C2	C3	C4
C5	C6	C7	C8
C9	C10	C11	C12
C13	C14	C15	C16

LUMINANCE



C17	C18
C19	C20

 $C_r$ 

C21	C22
C23	C24

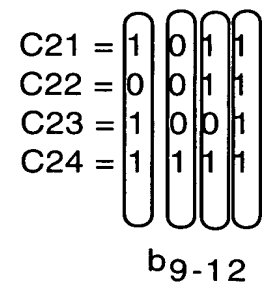
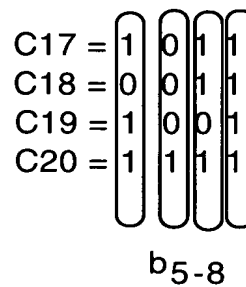
 $C_b$ 

FIG. 9

606700 6064600

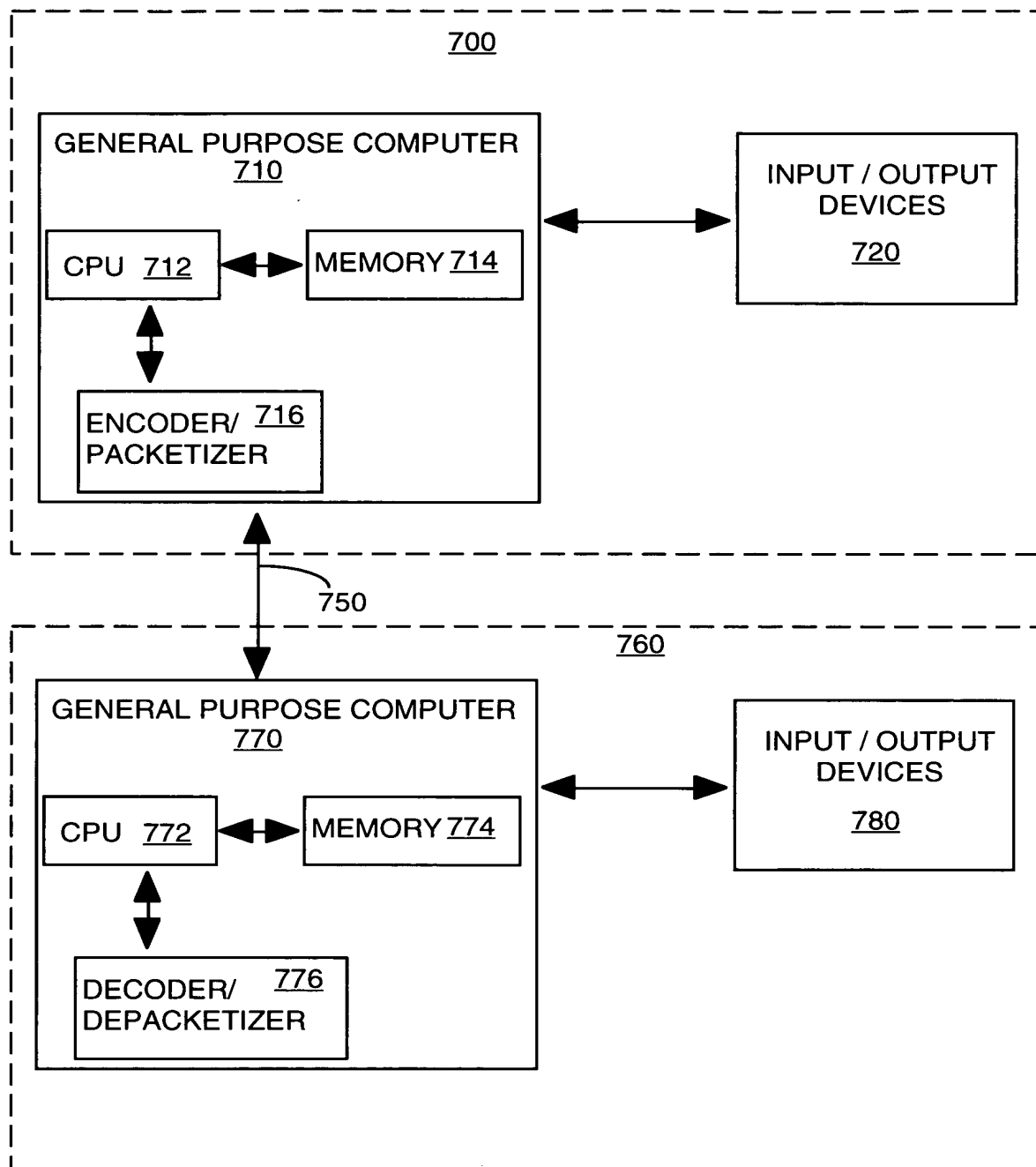


FIG. 7

$\frac{1}{2}$   $\frac{1}{3}$   $\frac{1}{4}$   $\frac{1}{5}$   $\frac{1}{6}$   $\frac{1}{7}$   $\frac{1}{8}$   $\frac{1}{9}$   $\frac{1}{10}$   $\frac{1}{11}$   $\frac{1}{12}$   $\frac{1}{13}$   $\frac{1}{14}$   $\frac{1}{15}$   $\frac{1}{16}$   $\frac{1}{17}$   $\frac{1}{18}$   $\frac{1}{19}$   $\frac{1}{20}$   $\frac{1}{21}$   $\frac{1}{22}$   $\frac{1}{23}$   $\frac{1}{24}$   $\frac{1}{25}$   $\frac{1}{26}$   $\frac{1}{27}$   $\frac{1}{28}$   $\frac{1}{29}$   $\frac{1}{30}$   $\frac{1}{31}$   $\frac{1}{32}$   $\frac{1}{33}$   $\frac{1}{34}$   $\frac{1}{35}$   $\frac{1}{36}$   $\frac{1}{37}$   $\frac{1}{38}$   $\frac{1}{39}$   $\frac{1}{40}$   $\frac{1}{41}$   $\frac{1}{42}$   $\frac{1}{43}$   $\frac{1}{44}$   $\frac{1}{45}$   $\frac{1}{46}$   $\frac{1}{47}$   $\frac{1}{48}$   $\frac{1}{49}$   $\frac{1}{50}$   $\frac{1}{51}$   $\frac{1}{52}$   $\frac{1}{53}$   $\frac{1}{54}$   $\frac{1}{55}$   $\frac{1}{56}$   $\frac{1}{57}$   $\frac{1}{58}$   $\frac{1}{59}$   $\frac{1}{60}$   $\frac{1}{61}$   $\frac{1}{62}$   $\frac{1}{63}$   $\frac{1}{64}$   $\frac{1}{65}$   $\frac{1}{66}$   $\frac{1}{67}$   $\frac{1}{68}$   $\frac{1}{69}$   $\frac{1}{70}$   $\frac{1}{71}$   $\frac{1}{72}$   $\frac{1}{73}$   $\frac{1}{74}$   $\frac{1}{75}$   $\frac{1}{76}$   $\frac{1}{77}$   $\frac{1}{78}$   $\frac{1}{79}$   $\frac{1}{80}$   $\frac{1}{81}$   $\frac{1}{82}$   $\frac{1}{83}$   $\frac{1}{84}$   $\frac{1}{85}$   $\frac{1}{86}$   $\frac{1}{87}$   $\frac{1}{88}$   $\frac{1}{89}$   $\frac{1}{90}$   $\frac{1}{91}$   $\frac{1}{92}$   $\frac{1}{93}$   $\frac{1}{94}$   $\frac{1}{95}$   $\frac{1}{96}$   $\frac{1}{97}$   $\frac{1}{98}$   $\frac{1}{99}$   $\frac{1}{100}$

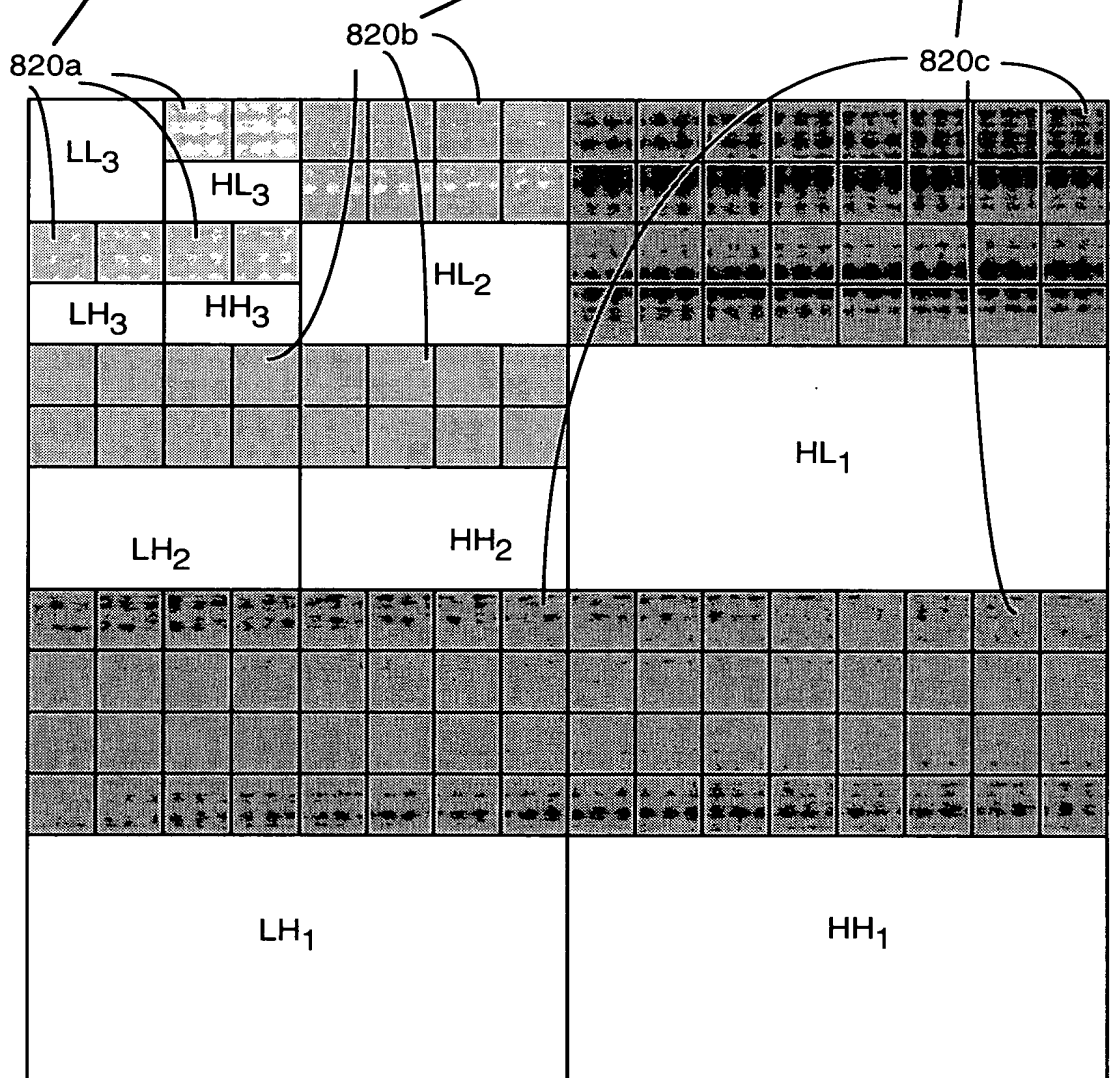


FIG. 8